

18351 U.S. PTO  
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PTO/SB/05 (08-03)

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |                                       |
|------------------------|---------------------------------------|
| Attorney Docket No.    | MTC-46                                |
| First Inventor         | Momtaz N. Mansour                     |
| Title                  | Steam Reforming Process and Apparatus |
| Express Mail Label No. | EV 342688371 US                       |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:  
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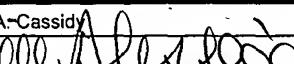
|   |  |
|---|--|
| 1. <input type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br>(Submit an original and a duplicate for fee processing)   | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or<br>Computer Program (Appendix)   |
| 2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.   | 8. Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary)  |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 47]<br>(preferred arrangement set forth below)  | a. <input type="checkbox"/> Computer Readable Form (CRF)   |
| - Descriptive title of the invention  |  |
| - Cross Reference to Related Applications   |  |
| - Statement Regarding Fed sponsored R & D   |  |
| - Reference to sequence listing, a table,<br>or a computer program listing appendix   |  |
| - Background of the Invention   |  |
| - Brief Summary of the Invention  |  |
| - Brief Description of the Drawings (if filed)  |  |
| - Detailed Description  |  |
| - Claim(s)  |  |
| - Abstract of the Disclosure  |  |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 12]   | 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))  |
| 5. Oath or Declaration [Total Sheets ]  | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of<br>(when there is an assignee) <input type="checkbox"/> Attorney |
| a. <input type="checkbox"/> Newly executed (original or copy)   | 11. <input type="checkbox"/> English Translation Document (if applicable)  |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br>(for continuation/divisional with Box 18 completed)   | 12. <input type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS<br>Statement (IDS)/PTO-1449 Citations                         |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br>Signed statement attached deleting inventor(s)<br>name in the prior application, see 37 CFR<br>1.63(d)(2) and 1.33(b). |  |
| 13. <input type="checkbox"/> Preliminary Amendment  |  |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)   |  |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)   |  |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122<br>(b)(2)(B)(i). Applicant must attach form PTO/SB/35<br>or its equivalent.                           |  |
| 17. <input checked="" type="checkbox"/> Other: Express Certificate of Mailing.....  |  |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: .....Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_  
For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

 Customer Number: 22827      OR       Correspondence address below

|                   |   |                                   |              |          |                  |
|-------------------|---|-----------------------------------|--------------|----------|------------------|
| Name              | Timothy A. Cassidy  |                                   |              |          |                  |
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| Name (Print/Type) | Timothy A. Cassidy  | Registration No. (Attorney/Agent) | 38,024       |          |                  |
| Signature         |  |                                   |              |          |                  |
| Date              | 09/10/2003  |                                   |              |          |                  |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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22141 U.S. PTO  
10/10/2003

10/10/2003

**EXPRESS MAIL CERTIFICATE OF MAILING**In re Application of: Momtaz N. MansourEntitled: Steam Reforming Process and ApparatusUSSN: Not Yet AssignedDate: HerewithAttorney Docket No.: MTC-46"Express Mail" – Mailing Label Number: EV 342688371 USDate of Deposit: September 10, 2003

I hereby certify that this paper and all attachments and any fee are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the:

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**PATENT**

**ATTORNEY DOCKET NO.: MTC-46**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

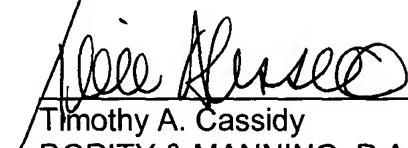
In re Application of: Momtaz N. Mansour )  
Serial No.: Not Yet Assigned )  
Filed: Herewith )  
Title: Steam Reforming Process and Apparatus )

Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The present application is based on and claims priority to U.S. Provisional Application No. 60/409,683 filed on September 10, 2002.

Respectfully submitted,

  
Timothy A. Cassidy

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September 10, 2003

Date